

**COOLPIX 3100**  
**February 2003**

## **Nikon COOLPIX 3100**

### ***3x optical Zoom-Nikkor lens and 3.2 effective megapixels with great portability***

TOKYO - Nikon Corporation is pleased to announce the introduction of the COOLPIX 3100 Digital Camera.

A compact, lightweight digital still camera with 3.2 effective megapixels and a powerful 3x zoom lens, the COOLPIX 3100 is a friendly and versatile model, even for those who are using a digital camera for the first time. The COOLPIX 3100 is ideal for people who want an easy-to-use digital still camera that offers great image quality, and who are looking to get more fun out of digital photography. The camera's compact body fits easily in a pocket for carry-anywhere portability.

Featuring a 3x optical Zoom-Nikkor lens and 4x digital zoom, the COOLPIX 3100 provides excellent optical performance. Coupled with Nikon's advanced image-processing algorithm, this ensures vibrant color, contrast and clarity in every picture. The camera's 3.2 effective megapixels offer remarkable resolution in printouts as large as B4 size.

Shooting is simplified by general-use AUTO Mode and 14 Scene Modes, four of which offer a Scene Assistance function for perfectly composed pictures, which allow users to capture the essence of every situation and fully experience the fun of digital photography. The COOLPIX 3100 also features Continuous Shooting Mode and four Movie Modes, including one capable of recording a clip as large as 640 x480 pixels. Users can take up to 40 seconds of smaller-size video in color, B/W or sepia. In Macro Mode, the camera can shoot as close as 4cm (1.6 in.) from a subject and still get sharply focused shots.

The Small Picture function creates reduced-size pictures that are perfect for e-mailing or Web posting, while the Date imprinting function allows users to date a picture at the time of shooting. Image effects such as B/W, sepia and halo filters extend users' creative options.

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The Quick Review button allows images to be viewed right away on the LCD monitor while maintaining live-action viewing. The Transfer function simplifies uploading image data to a computer.

The COOLPIX 3100 comes with essential accessories, including a battery and charger, a CompactFlash™ Card, a USB cable, and powerful Nikon View software.

A sister model, the COOLPIX 2100, with 2.0 effective megapixels, will be released in tandem with the COOLPIX 3100.

**Note:** Specifications, design, product name and standard accessories may differ by country or area.

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## **Nikon COOLPIX 3100 Feature Highlights**

### **Great images, pocket-size design**

The **3x optical Zoom-Nikkor** lens, offering a focal range of 5.8-17.4mm (equivalent to 38-115mm in 35mm [135] format), and **3.2 million effective pixels** combine to create sharp images. The COOLPIX 3100's compact, lightweight design enables go-anywhere portability.

### **14 Scene Modes and Scene Assistance function**

The general-purpose **Auto Mode** and **14 Scene Modes** offer users extraordinary flexibility and creative leeway. Just select the mode appropriate to the scene, and the COOLPIX 3100 will handle all the adjustments automatically. Four of the Scene Modes have a Scene Assistance function that optimizes picture composition through a fast, easy process.

There are four **Movie Modes** (without audio), including one that can record clips as large as 640 x 480 pixels and one that makes 320 x 240-pixel clips. Movies can be color, B/W or sepia, and can be as long as 40 seconds.

### **Versatile Image editing**

The Photo trim function allows users to crop an unwanted portion of any picture while it's still in the camera. The Date Imprint function dates the photo right when it's taken. Image filters (B/W, sepia and halo) can be used to make pictures even more interesting.

### **Single-touch operation**

Transfer images from the camera to a computer with a single touch of a button, and share pictures with family and friends faster using e-mail or a web site. Press the PLAY button once for hassle-free switching between viewing stored images and the active shooting mode.

### **Nikon View software**

The supplied Nikon view software allows users to browse uploaded images in thumbnail format (for a comprehensive view) or in an enlarged format (for closer inspection). The software also allows users to adjust color balance, change the size of images for e-mailing or web posting, run a slide show of selected images, print images directly, and eliminate red eyes with the touch of a button.

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## Nikon COOLPIX 3100 Major Features

- 3x optical Zoom Digital Camera featuring **3.2 effective megapixels**
- **3.2 effective megapixels** for 2,048 x 1,536-pixel images
- **3x optical Zoom-Nikkor lens** with 5.8-17.4mm coverage (equivalent to 38-115mm in 35mm [135] camera format); **digital zoom** up to **4x** magnification (**12x** when combined with optical zoom)
- Nikon's **advanced image-processing algorithm** ensures faithful color reproduction
- Macro shooting capability **as close as 4cm (1.6 in.)**
- **Simple** buttons and interface enable easy operation, even for first-time digital users
- **AUTO Mode** for point-and-shoot operation
- **14 Scene Modes, including four with Scene Assistance function** — Scene Modes with Scene Assistance function (Portrait, Landscape, Sports, Night portrait); Other Scene Modes (Party/Indoor, Beach/Snow, Sunset, Dusk/Dawn, Night landscape, Closeup, Museum, Fireworks show, Copy and Back light)
- **Four Movie Modes**, including movie clips as large as 640 x 480 pixels, or smaller clips in color, B/W or sepia up to 40 seconds long
- **Quick Review** allows users to view captured images at the press of a button, even while the camera is in shooting mode
- **Transfer** function enables fast upload of selected COOLPIX 3100 image data to a computer via a USB connection
- **Small Picture** function creates smaller-size image data for e-mail attachments and web applications
- **Date Imprint** function adds the date to a picture at the time of shooting
- **Image filters**, including B/W, sepia and halo
- Versatile **White Balance settings**
- Automatic **Noise Reduction** function for superior images at slow shutter speeds
- **Plug-and-play USB interface** for smooth connection to a computer
- Bright, clear 1.5-in., 110,000-dot, low-temperature polysilicon TFT **LCD monitor**
- Long **battery life of approx. 80 min.** with two Rechargeable Ni-MH Batteries EN-MH1\*
- Comes with Strap, CF Card, USB cable, Video cable, two Rechargeable Ni-MH Batteries EN-MH1, Battery Charger MH-70\*, Nikon View CD-ROM
- **AC Adapter EH-61, Camera Case CS-CP14**, and various CF Cards are available as options
- Supports Exif 2.2 (**Exif Print**) \*\*

\* Depending on the country or area, the battery and charger may not be included, but will be available as an option.

\*\* "Exif Print" is the industrial term for Exif 2.2, which is a newly established standard for Digital Still Camera Image File Format.

## Nikon COOLPIX 3100 Specifications

<b>Type</b>	Digital camera E3100
<b>Effective pixels</b>	3.2 million
<b>CCD</b>	1/2.7-in. type (3.34 million total pixels)
<b>Image quality/size</b>	Selectable from: High (2048*), Normal (2048), Normal (1600), PC Screen (1024), TV Screen (640)
<b>Lens</b>	3x Zoom-Nikkor; f=5.8-17.4mm (35mm camera format equivalent to 38-115mm); f/2.8-4.9
<b>Digital zoom</b>	4x digital zoom
<b>LCD Monitor</b>	1.5-in; 110,000-dot low-temp. polysilicon TFT LCD (LED-BKL) with brightness adjustment
<b>Storage media</b>	CompactFlash™ (CF) Card Type I
<b>Shooting modes</b>	Auto, Scene Assistance (Portrait, Landscape, Sports, Night Portrait), Scene Party/Indoor, Beach/Snow, Sunset, Dusk/Dawn, Night landscape, Closeup, Museum, Fireworks show, Copy and Back light), Manual (includes shooting menu for control of White balance, Exposure compensation, Date imprint, Capture Mode, Best-Shot Selector, and Image sharpening)
<b>Movie</b>	Up to 20 sec. with TV movie (640) at 15 fps; up to 40 sec. with Small movie (320), B/W clip (320) at 15fps, and Sepia clip (320) at 5fps
<b>Capture modes</b>	Single, Continuous, Multi-shot 16 (16 frames 1/16 in size)
<b>Number of frames w/16MB CF Card</b>	High: approx. 10; Normal: approx. 19
<b>Built-in Speedlight</b>	<b>Flash Range:</b> approx. 0.4 - 3.0m (1.3 to 9.8 ft.) (W), approx. 0.4 - 1.7m (1.3 - 5.6 ft.) (T) <b>Flash control:</b> Sensor flash system <b>Flash modes:</b> Auto, Flash cancel (off), Red-Eye Reduction, Anytime Flash (fill-flash)
<b>Computer interface</b>	USB
<b>Power requirements</b>	Two Rechargeable Ni-MH Batteries EN-MH1 (supplied), AC Adapter EH-61 (optional)
<b>Battery life</b>	Approx. 80 min. with EN-MH1 when using monitor at 20°C (68°F)
<b>Dimensions (W x H x D)</b>	Approx. 87.5 x 65 x 38mm (3.4 x 2.6 x 1.5 in.)
<b>Weight</b>	Approx. 150g (5.3 oz.) without battery and CompactFlash™ Card
<b>Supplied accessories*</b>	Strap, 16MB CF Card, USB cable, Video cable, Rechargeable Ni-MH Battery EN-MH1, Battery Charger MH-70, Nikon View CD-ROM
<b>Optional accessories</b>	Rechargeable Ni-MH Battery EN-MH1, AC Adapter EH-61, Various size CompactFlash™ Cards, Case CS-CP14

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## **Nikon View System Requirements**

### **Macintosh**

<b>OS</b>	Mac® OS 9.0 - 9.2 (only built-in USB ports supported), Mac® OS X (10.1.3 or later)
<b>Models</b>	iMac™, Power Macintosh® G3 (Blue/White), Power Mac™ G4 or later; iBook™, PowerBook® G3 or later (only built-in USB ports are supported)
<b>RAM</b>	64MB or more recommended
<b>Hard disk</b>	60MB required for installation, with additional amount equivalent to twice the capacity of the camera memory card plus 10MB required when Nikon View is running
<b>Display</b>	800 x 600 with thousands of colors (millions of colors recommended) or higher
<b>Others</b>	CD-ROM drive required for installation

### **Windows**

<b>OS/Models</b>	Windows® 98SE, Windows® Me, Windows® 2000 Professional, Windows® XP Home Edition, Windows® XP Professional pre-installed model
<b>CPU</b>	Pentium® 300MHz or higher
<b>RAM</b>	64MB or more recommended
<b>Hard disk</b>	60MB required for installation, with additional amount equivalent to twice the capacity of the camera memory card plus 10MB required when Nikon View is running
<b>Display</b>	800 x 600 with High Color (True Color recommended) or higher
<b>Others</b>	CD-ROM drive required for installation

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